

Separated bike lanes pilot project

City Council | 6 Jul 2021



Outline

1. Petition and candidate streets
2. Pilot locations
 - Beaver St
 - Butler Ave
3. Barrier options
 - Durability - maintenance
 - Cost
 - Installation



Discussion points

Pilot location

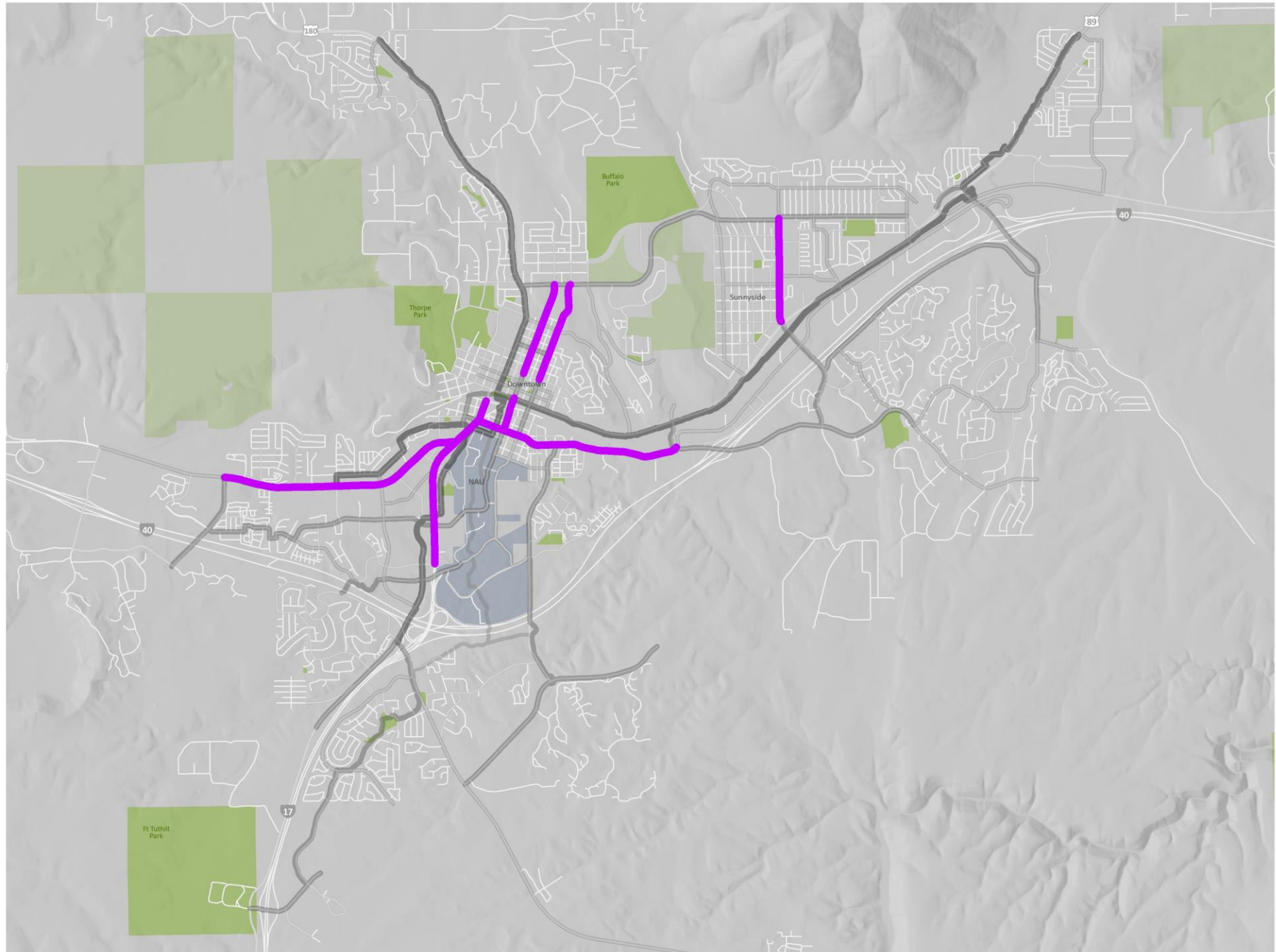
- Beaver St
- Butler Ave

Barrier options

- Candlesticks
- Metal railing
- Concrete barrier

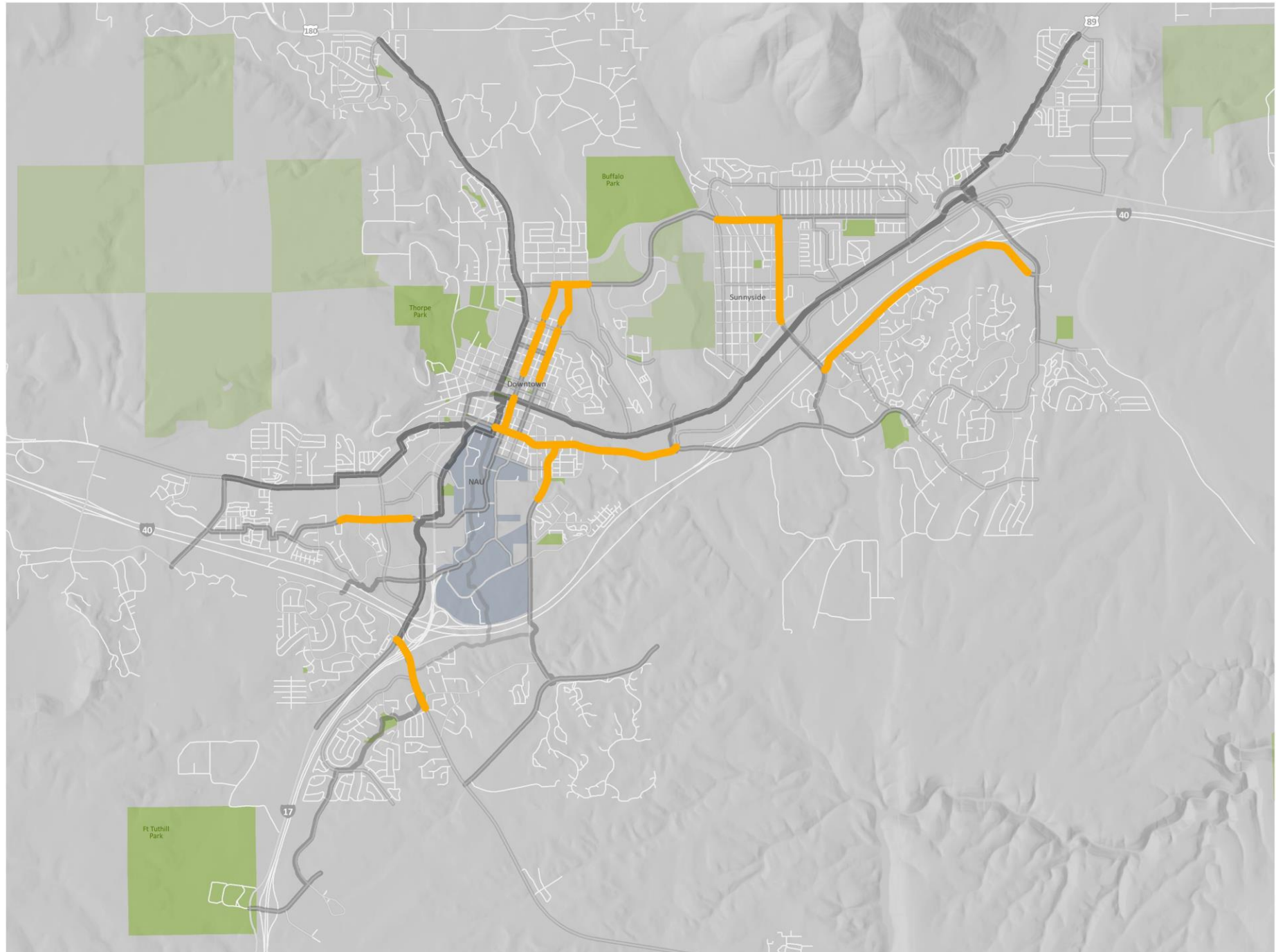



Active Transportation
Master Plan
Petition



- Petition
- Bikeway class**
- 1 Primary
- 2 Secondary
- 3 Third
- 4 Fourth

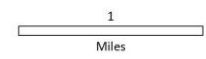
Potential pilot streets



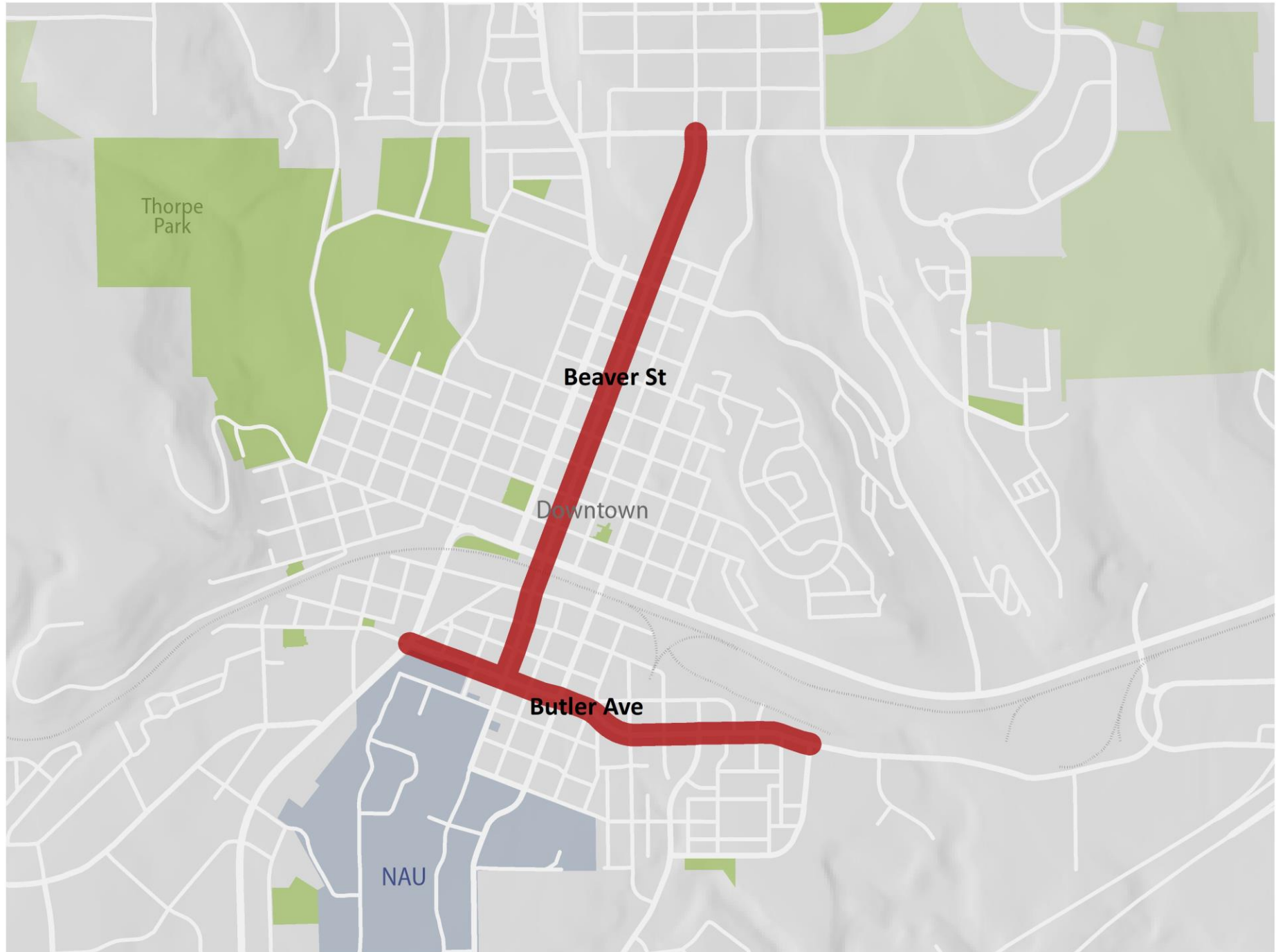
 Pilot candidate

Bikeway class

-  1 Primary
-  2 Secondary
-  3 Third
-  4 Fourth



Active Transportation
Master Plan
Pilot streets



 Pilot streets



City of Flagstaff
July 2021



Beaver St



- Forest to Butler (1.2 miles)
- Variety of widths/lanes/configurations
- Requires more lane obliteration/restriping
- Barrier will not fit along entire length
- Opportunities for other treatments to make comprehensive bikeway corridor
- Lower volumes | generally more comfortable for cyclists



Butler Ave



- Milton to Sawmill (0.9 miles)
- Consistent width/lanes/configuration
- Additional lane stripe, no obliteration
- Space for barrier for most of corridor
- Some opportunities for other treatments at intersections
- Higher volumes | less comfortable for bicyclists



Pilot | what we can learn



- Snow removal practices
- Sweeping practices
- Durability
- Effect on vehicle speeds/traffic calming
- Bicycle/pedestrian usage
- Bicyclist/pedestrian acceptance/preference
- Impact of other corridor treatments

Barrier options

- Candlesticks
- Metal railing
- Concrete median





Candlesticks





Metal railing





Concrete barrier





Cost



- Candlesticks Low
- Metal railing High
- Concrete median Medium

*Additional details/estimates to be provided at meeting



Durability



- Candlesticks Low
- Metal railing Medium
- Concrete median Medium



Installation



- All three options can potentially be installed by City crews
- All three can be installed this year